

## ABSTRACT

Methods, systems, and computer program products for improving the transcoding operations which are performed on structured documents (such as those encoded in the Hypertext Markup Language, or "HTML") through use of annotations. Source documents may be annotated according to one or more types of annotations. Representative types of annotations direct an annotation engine to perform selective clipping of document content, provide enhanced HTML form support, request node and/or attribute replacement or the insertion of HTML or other rendered markup syntax, and direct a transcoding engine to provide fine-grained transcoding preference support (such as controlling transcoding of tables on a per-row or per-column basis). The disclosed techniques may be used with statically-generated document content and with dynamically-generated content. Annotation is performed as a separate step preceding transcoding, and a modified document resulting from processing annotations may therefore be re-used for multiple different transcoding operations.

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